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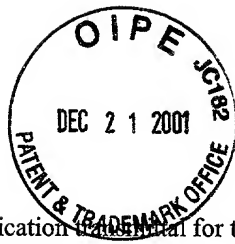
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	<i>Title of Invention</i>	Increasing Data Throughput In Optical Fiber Transmission Systems
	<i>Named Inventor(s)</i>	Michael G. Vrazel; Stephen E. Ralph; Joy Laskar; Sungyong Jung; Vincent Mark Hietala; Edward Gebara
	<i>Attorney Docket</i>	07982.105010
	<i>Express Mail Label No.</i>	EK006042445US

1c971 U.S. PTO

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<b>APPLICATION ELEMENTS</b>		Commissioner For Patents ADDRESS TO: Box Patent Application Washington, D.C. 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification, Claims, and Abstract <span style="float: right;">Total Pages 61</span> 4. <input checked="" type="checkbox"/> Drawings <span style="float: right;">Total Sheets 25</span> 5. Oath or Declaration <span style="float: right;">Total Pages _____</span> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> (i) <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76. 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies		<b>ACCOMPANYING APPLICATION PARTS</b> 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney by assignee 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input type="checkbox"/> Assignee: _____ _____ _____ 19. <input checked="" type="checkbox"/> Other: Unsigned Declaration and Power of Attorney (12 Pages)	
17. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ Prior application information: Examiner: _____ Group/Art Unit: _____ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
18. CORRESPONDENCE ADDRESS:  <div style="display: flex; justify-content: space-between;"> <div>           A. Shane Nichols, Esq.            KING &amp; SPALDING            45<sup>th</sup> Floor            191 Peachtree Street, N.E.            Atlanta, Georgia 30303         </div> <div>           By: <u>Shane Nichols</u> Reg. No. 43,836            Date: <u>December 21, 2001</u>            Telephone: 404.572.4600            Facsimile: 404.572.5145            Customer No. 20786         </div> </div>			

**FEE TRANSMITTAL**Attorney Docket No. **07982.105010**  
Express Mail Label No. **EK006042445US**This sheet accompanies a patent application ~~transmittal~~ for the following application:

Inventor(s): **Michael G. Vrazel; Stephen E. Ralph; Joy Laskar; Sungyong Jung; Vincent Mark Hietala; Edward Gebara**  
Filing Date: **December 21, 2001**  
Title: **Increasing Data Throughput In Optical Fiber Transmission Systems**

The filing fee is calculated as shown below:

**1. FILING FEE:**

		SMALL ENTITY		LARGE ENTITY	
FOR:		FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE		\$370	370.00	\$740	
<input type="checkbox"/> DESIGN FILING FEE		\$165		\$330	
<input type="checkbox"/> PLANT FILING FEE		\$255		\$510	
<input type="checkbox"/> REISSUE FILING FEE		\$370		\$740	
<input type="checkbox"/> PROVISIONAL FILING FEE		\$80		\$160	
SUBTOTAL (1)			\$370.00		\$xxx

**CLAIMS:**

		SMALL ENTITY		LARGE ENTITY	
FOR:		NO. FILED	RATE	NO. EXTRA	FEE
TOTAL CLAIMS	102 - 20 =	82	x 9 =		738.00
INDEP. CLAIMS	8 - 3 =	5	x 42 =		210.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+140 =		+280 =
SUBTOTAL (2)					\$948.00

**3. ADDITIONAL FEES:**

		SMALL ENTITY		LARGE ENTITY	
FOR:		FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH		\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION		\$130		\$130	
<input type="checkbox"/> OTHER					
SUBTOTAL (3)			\$xxx		\$xxx

**TOTAL FILING FEES: \$1,318.00**A check is enclosed for the total amount: \$ 0☐ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.KING & SPALDING  
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Atlanta, Georgia 30303  
Telephone: 404.572.4600By: A. Shane Nichols  
A. Shane Nichols, Attorney for Applicant  
Reg. No. 43,836Date: 12 / 21 / 01